

FIG. 1

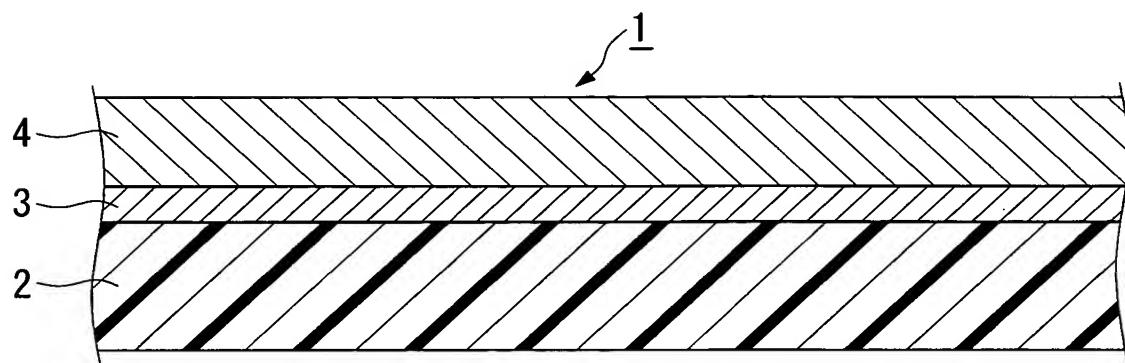


FIG. 2

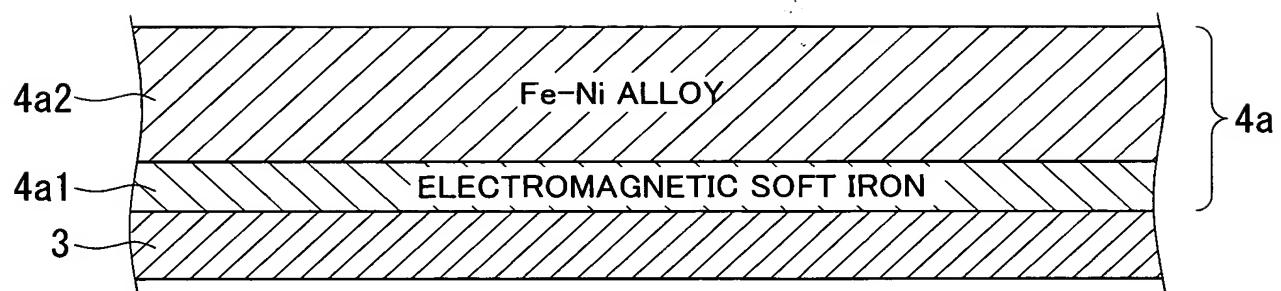


FIG. 3

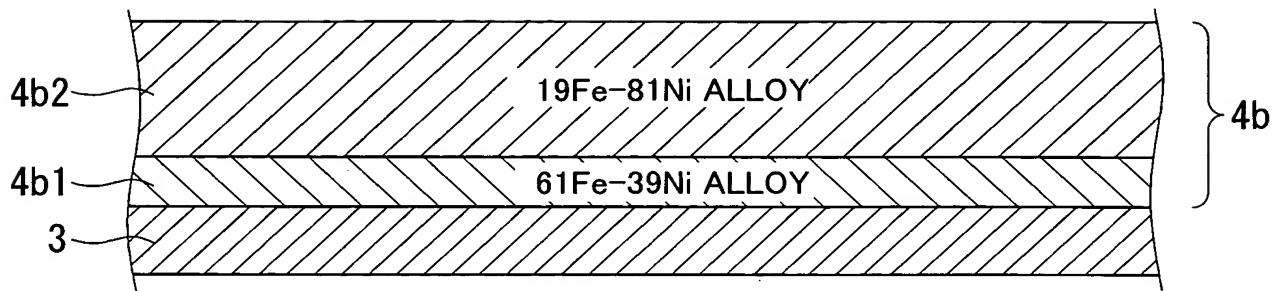


FIG. 4

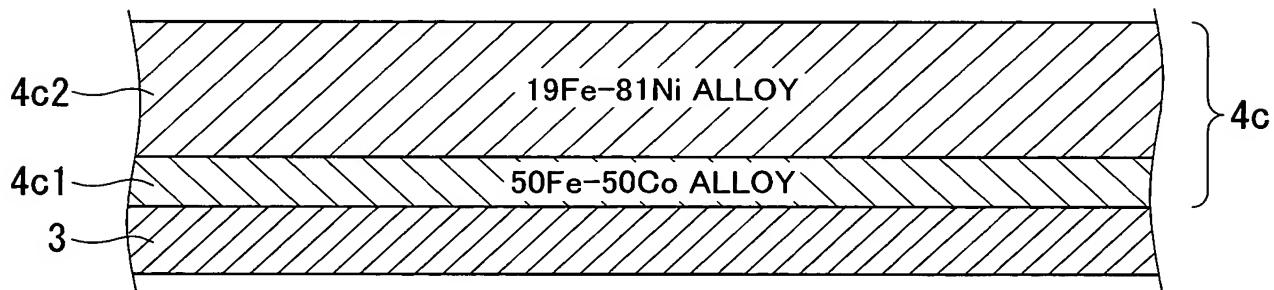


FIG. 5

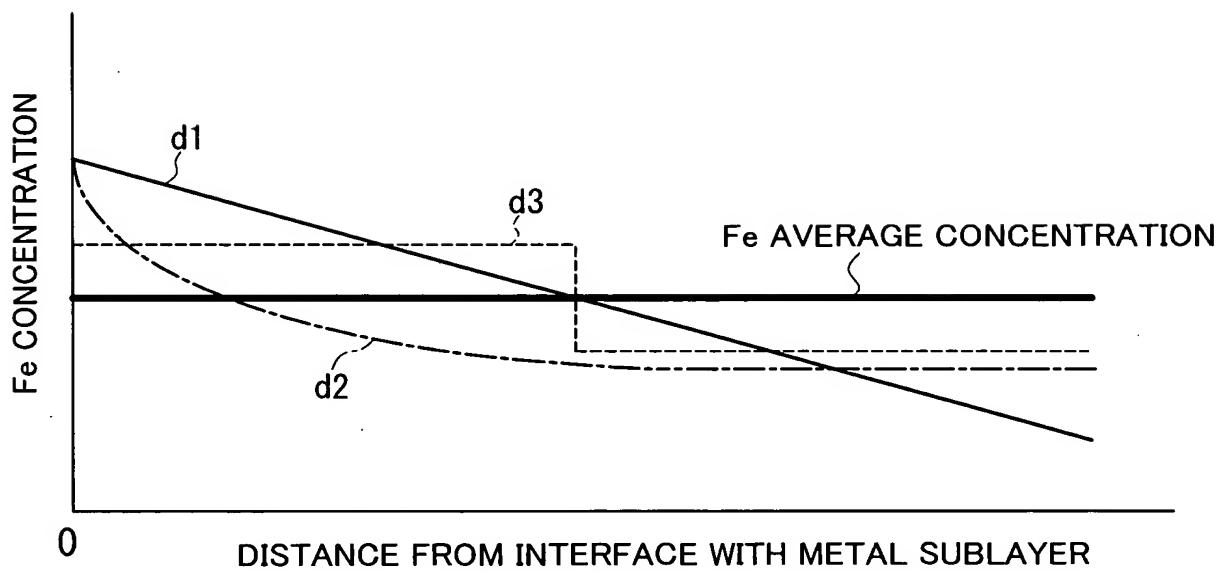


FIG. 6

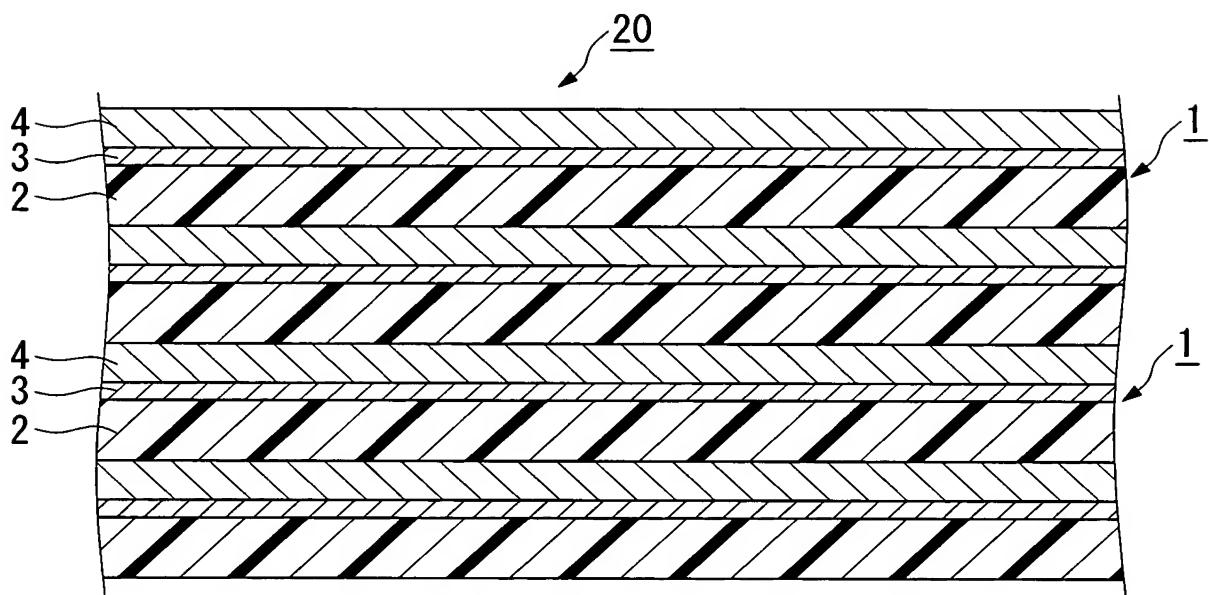


FIG. 7A

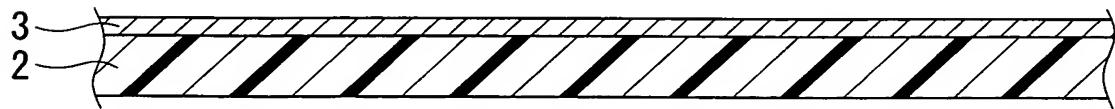


FIG. 7B

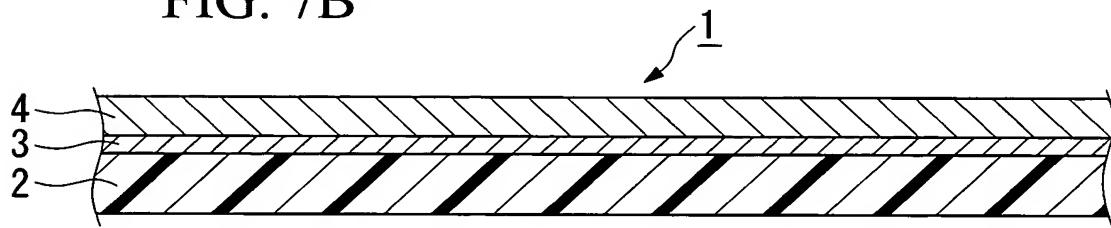


FIG. 7C

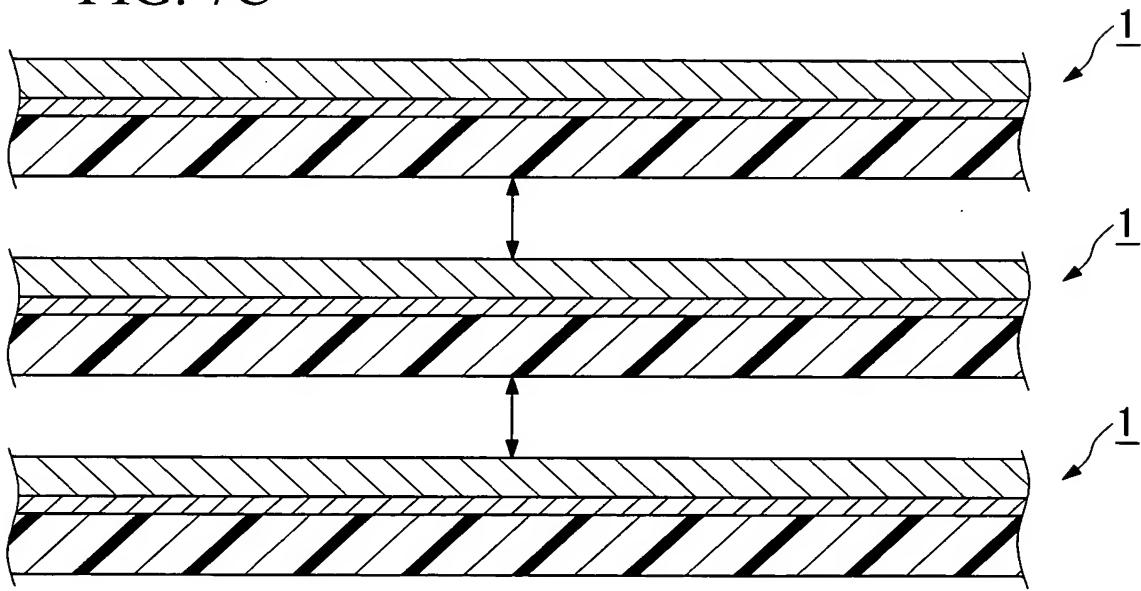


FIG. 8A

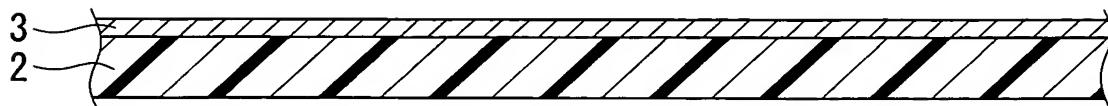


FIG. 8B

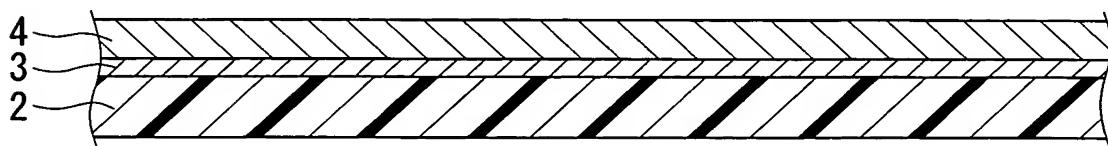


FIG. 8C

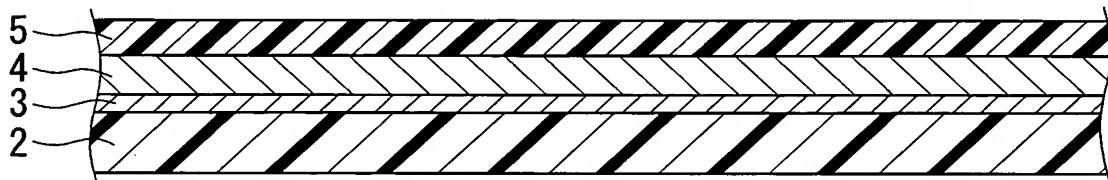


FIG. 8D

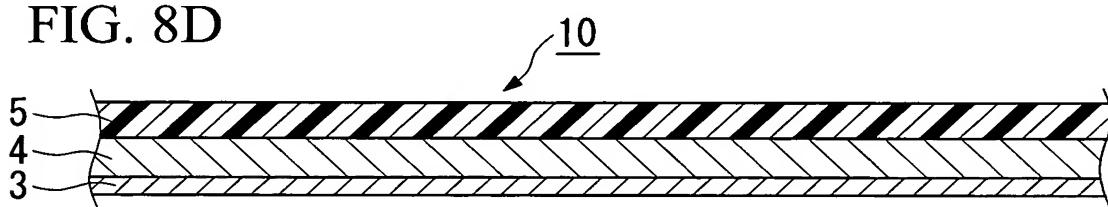


FIG. 8E

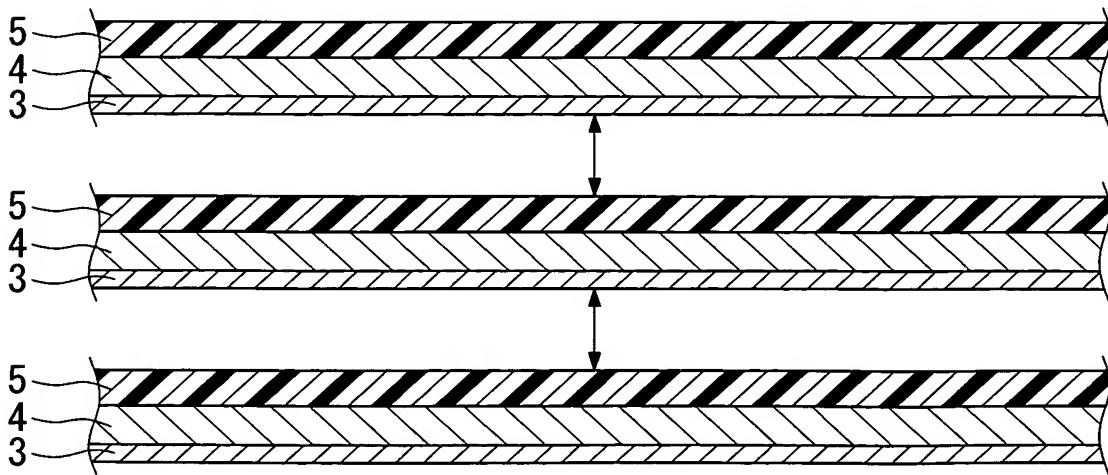


FIG. 9

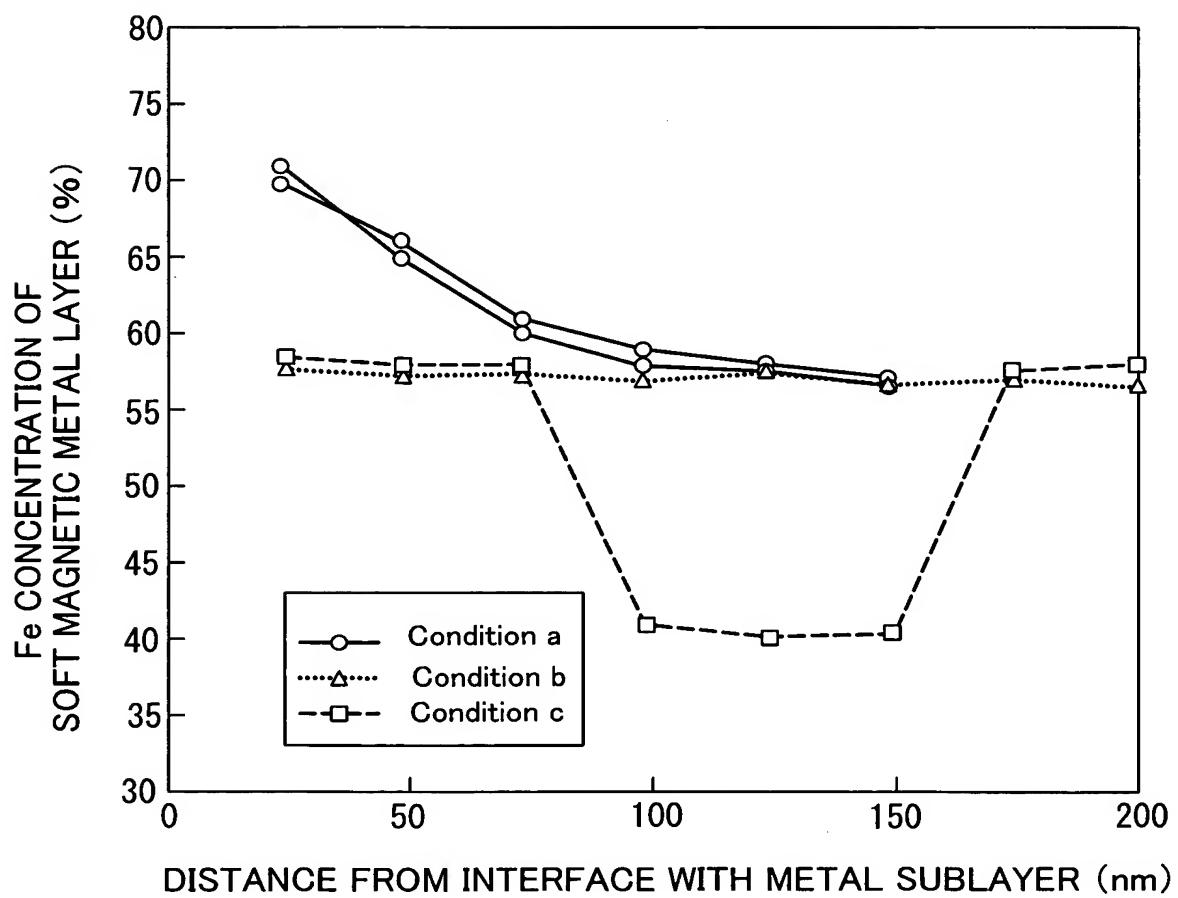


FIG. 10

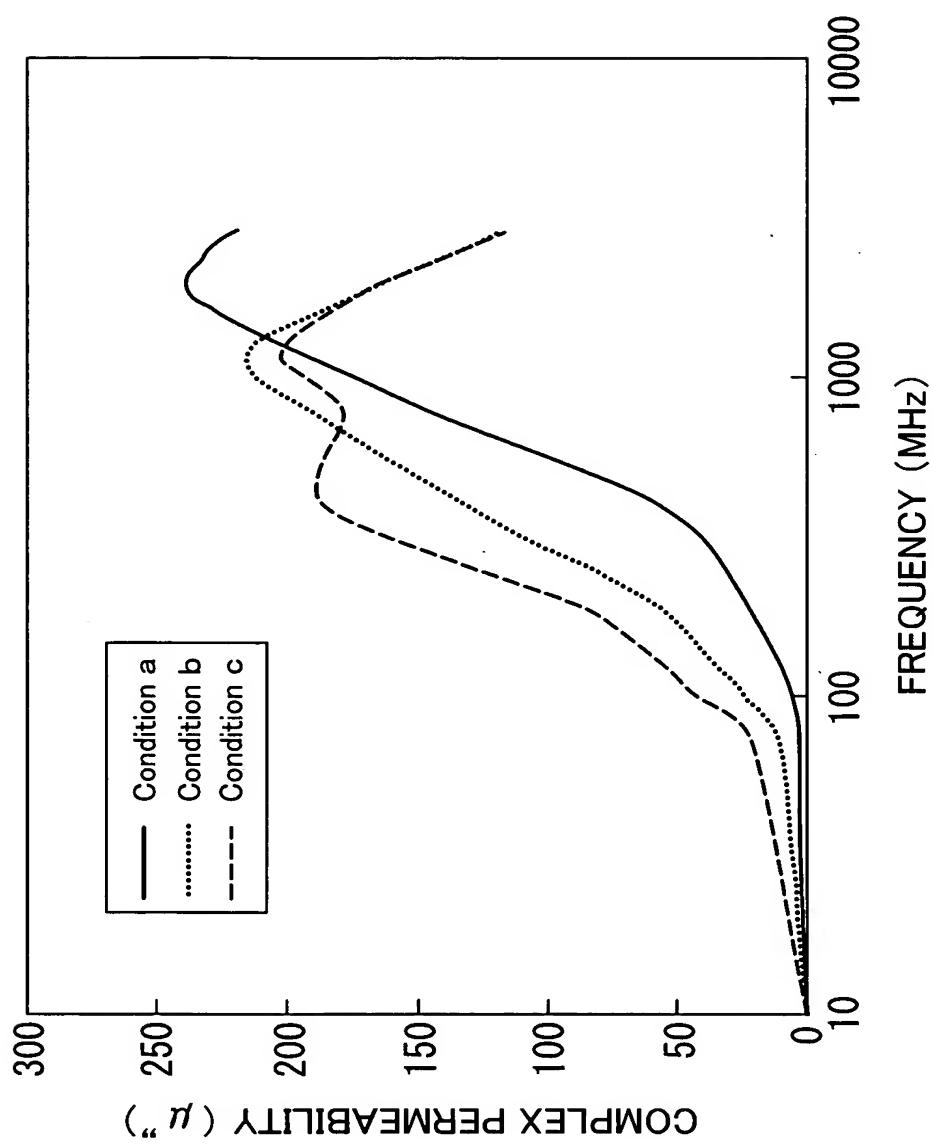


FIG. 11

SAMPLE	SUBSTRATE	METAL SUBLAYER			SOFT MAGNETIC METAL LAYER			p/s
		MATERIAL	THICKNESS (s,nm)	COERCIVE FORCE (Oe)	MATERIAL	THICKNESS (p,nm)	COERCIVE FORCE (Oe)	
a						105	9.1	5.53
b						147	4.6	7.72
c						188	4.3	9.89
d	PET	Ni	19	39.7	61wt%Fe-Ni	214	3.0	11.26
e						123	10.9	3.32
f						218	6.2	5.89
g						267	5.0	7.22
h						321	4.7	8.68

FIG. 12

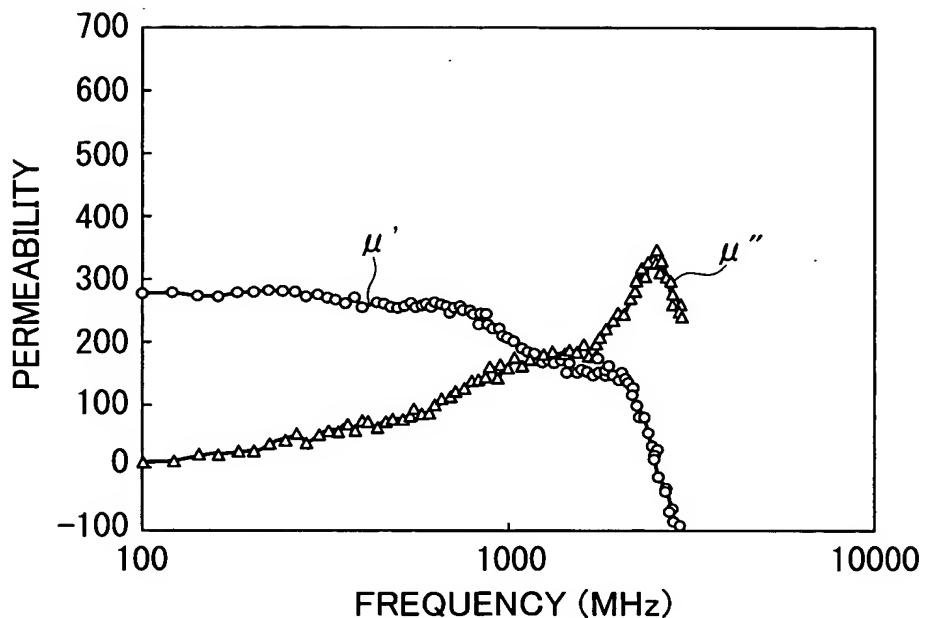


FIG. 13

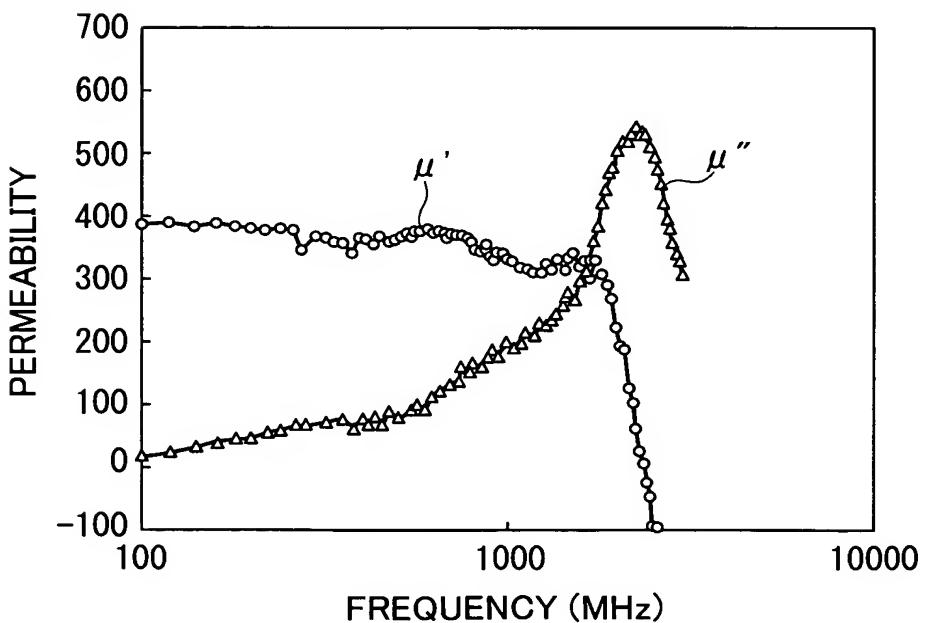


FIG. 14

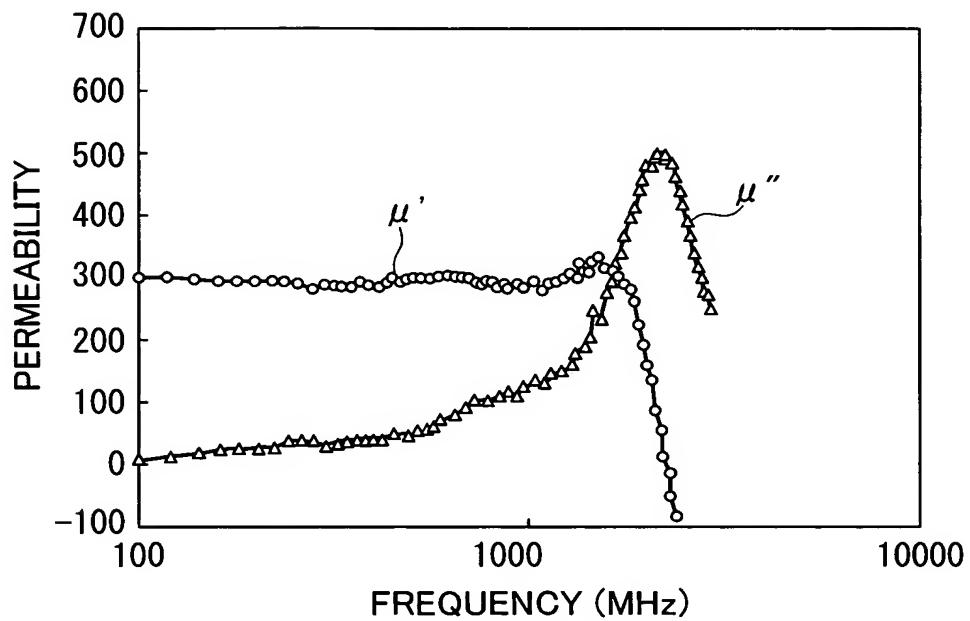


FIG. 15

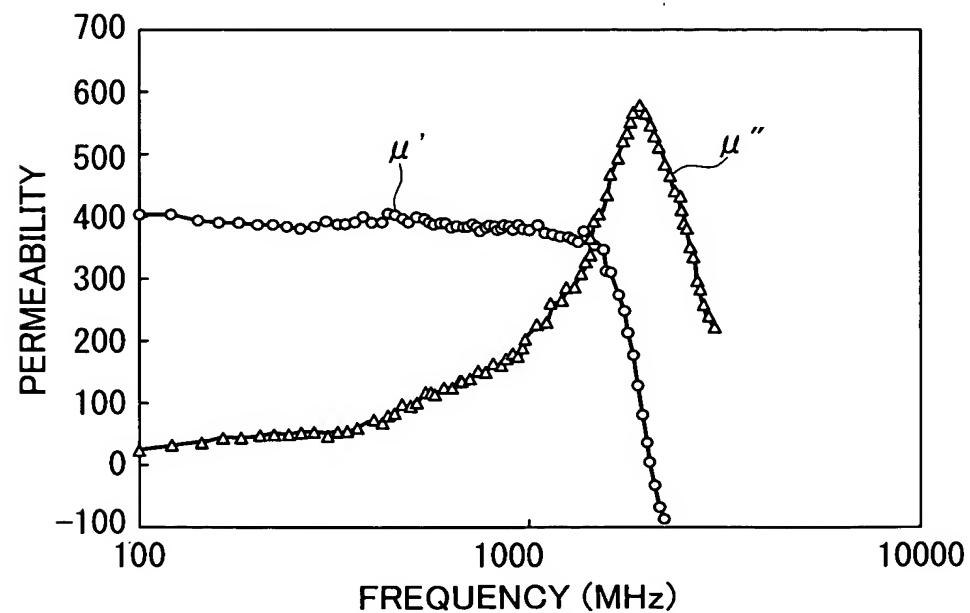


FIG. 16

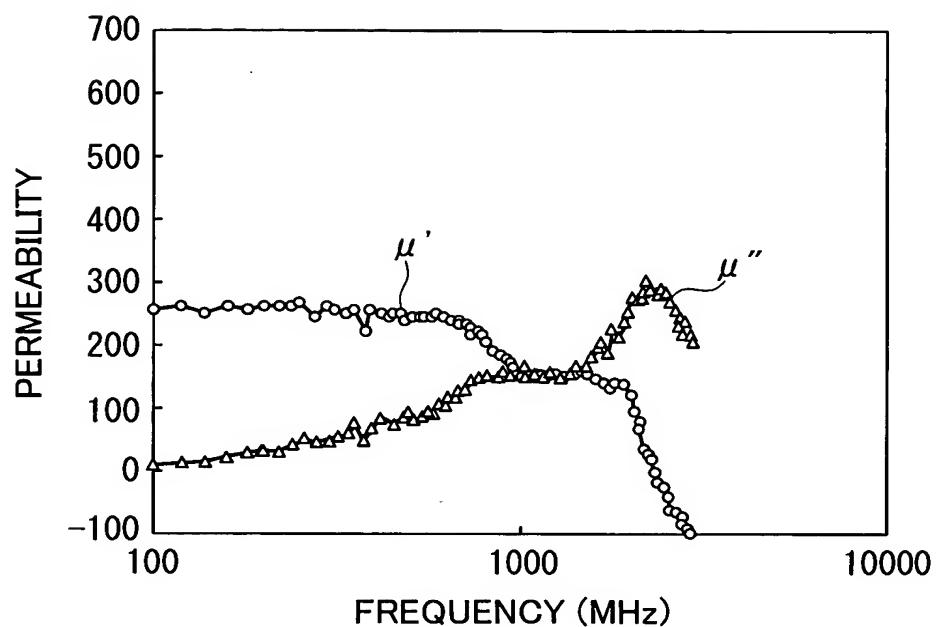


FIG. 17

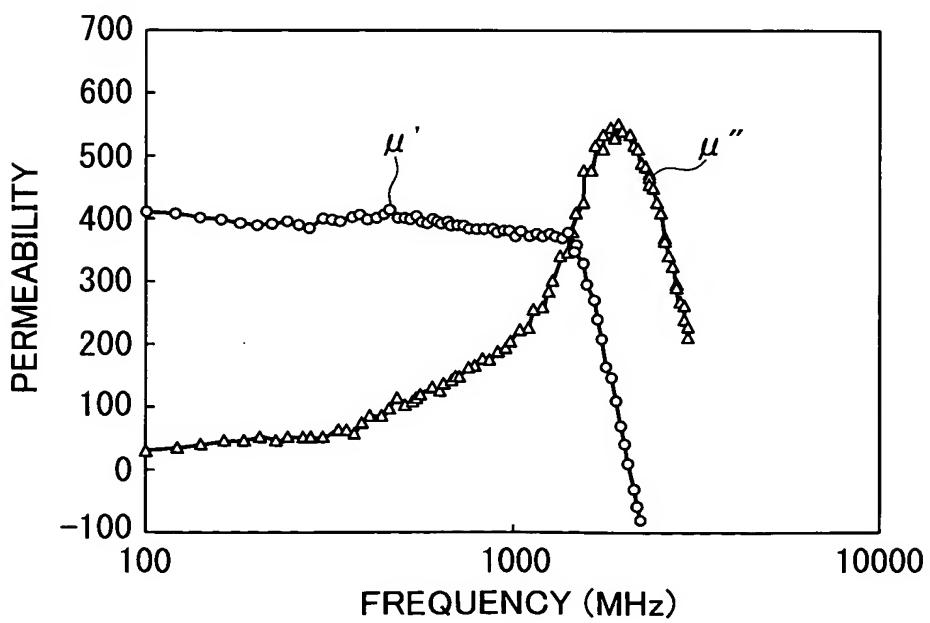


FIG. 18

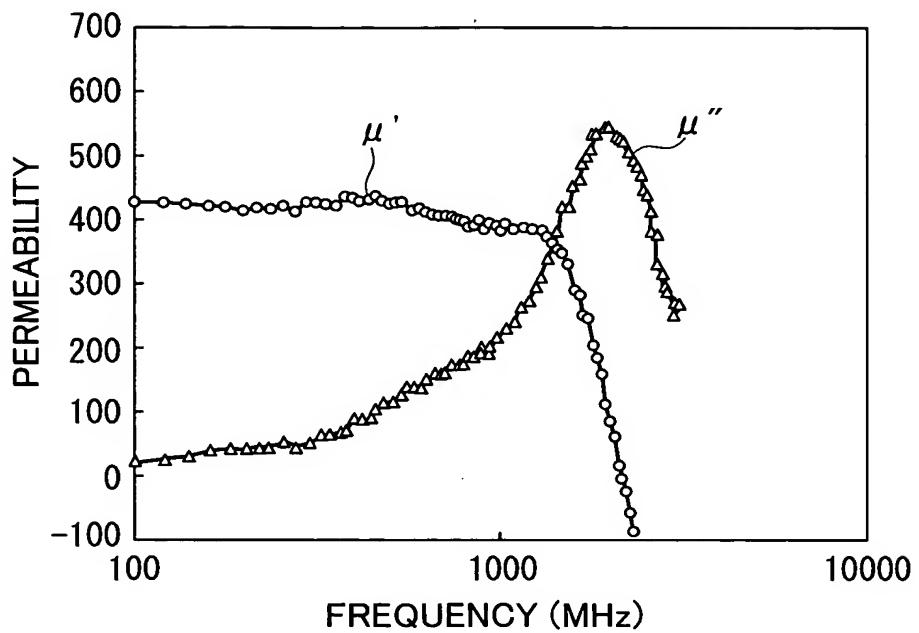


FIG. 19

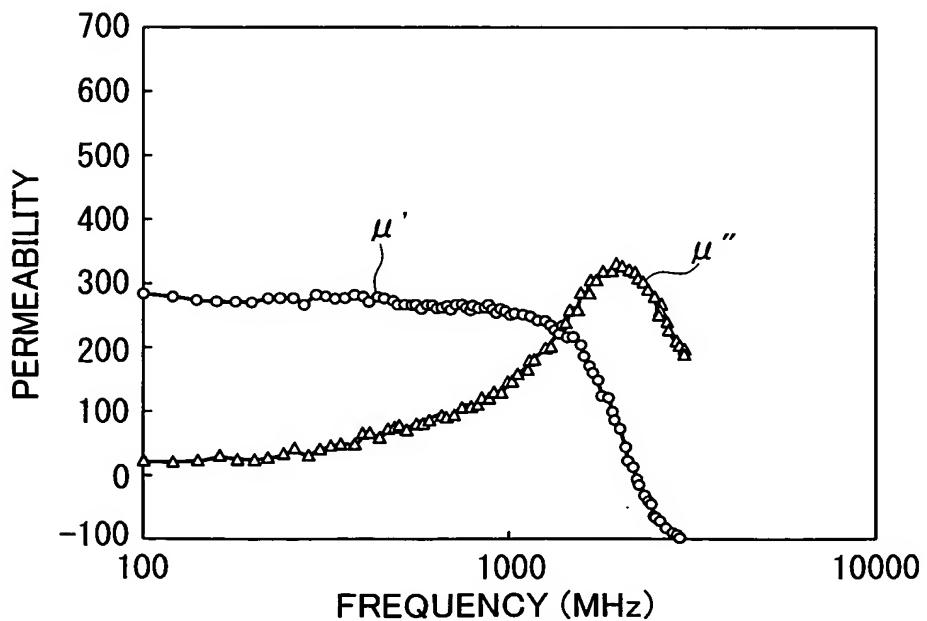


FIG. 20

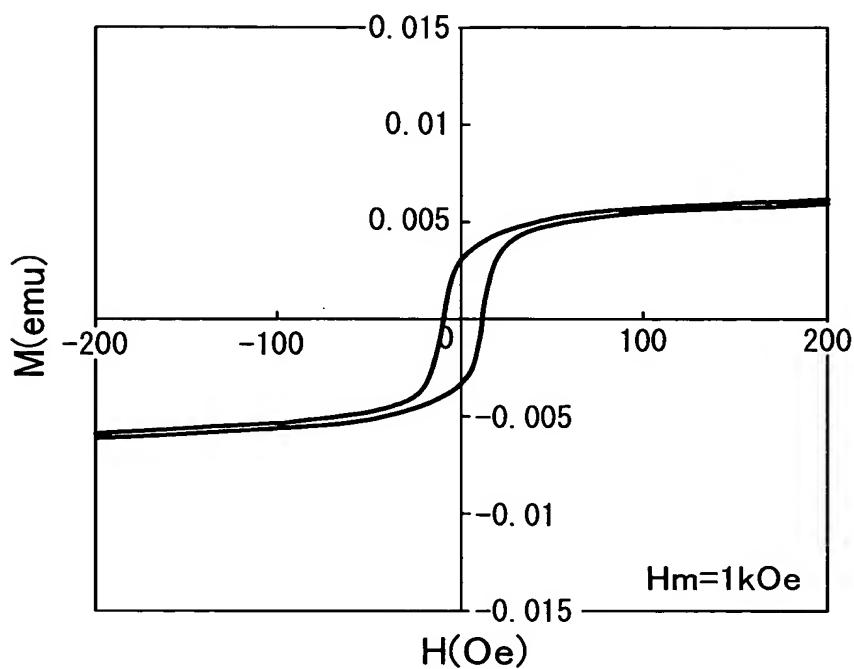


FIG. 21

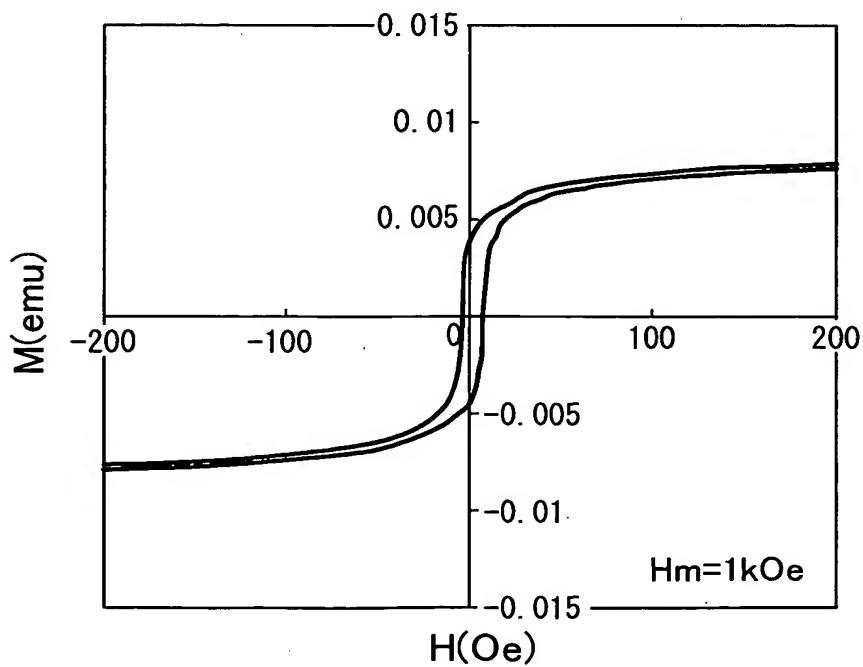


FIG. 22

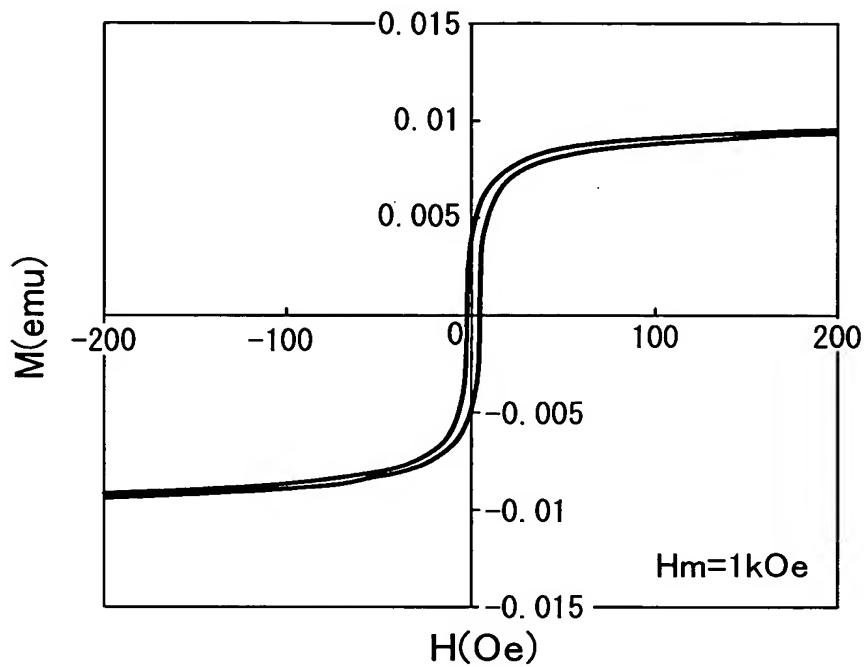


FIG. 23

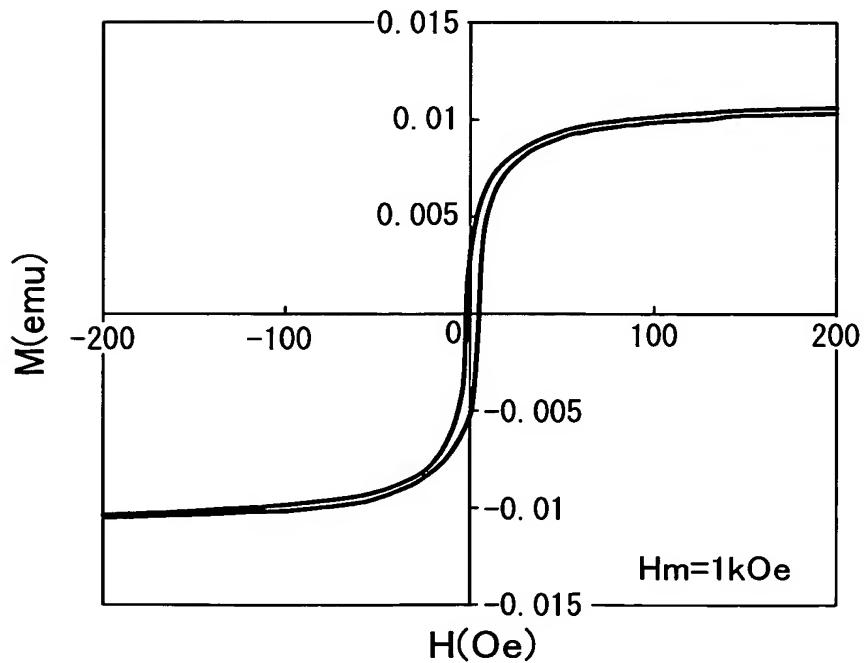


FIG. 24

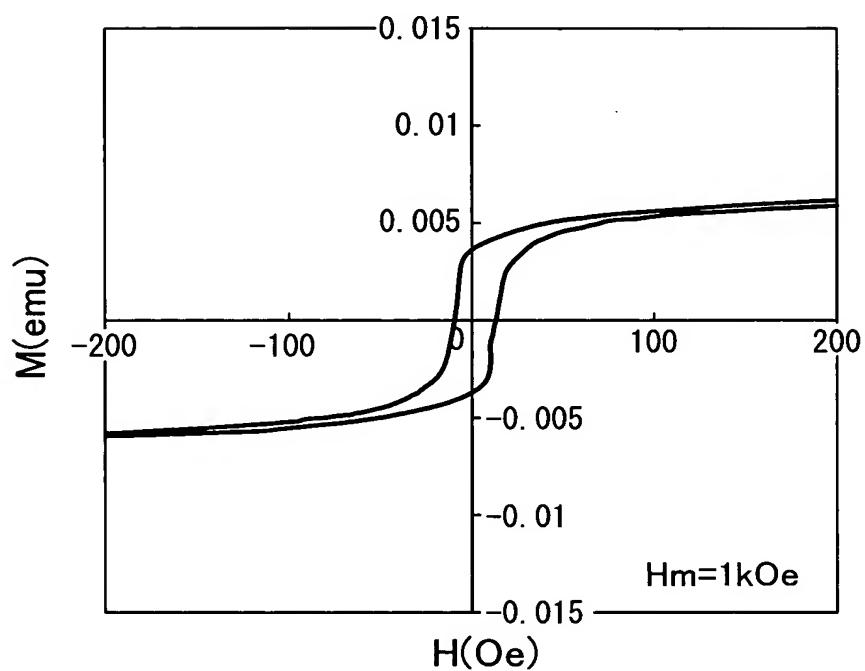


FIG. 25

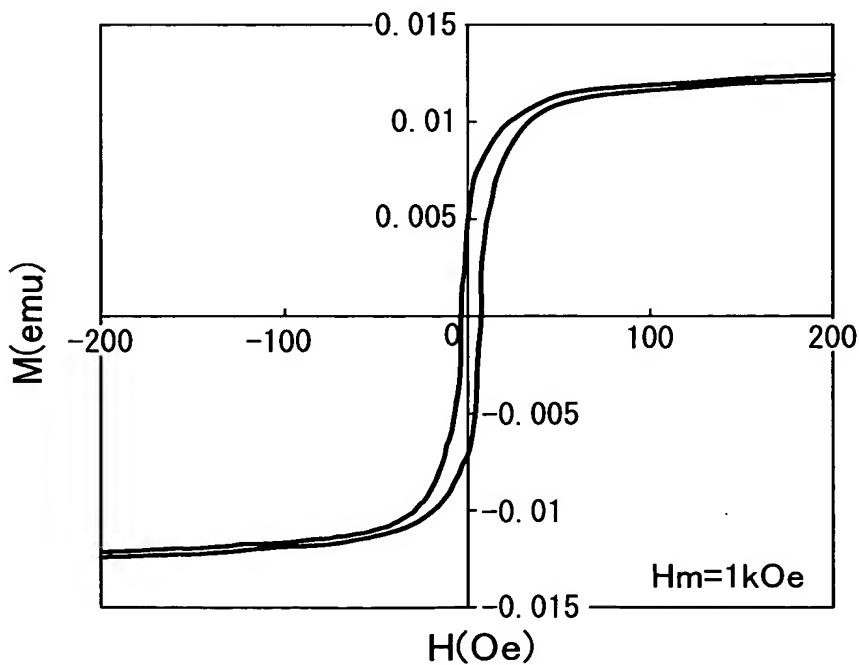


FIG. 26

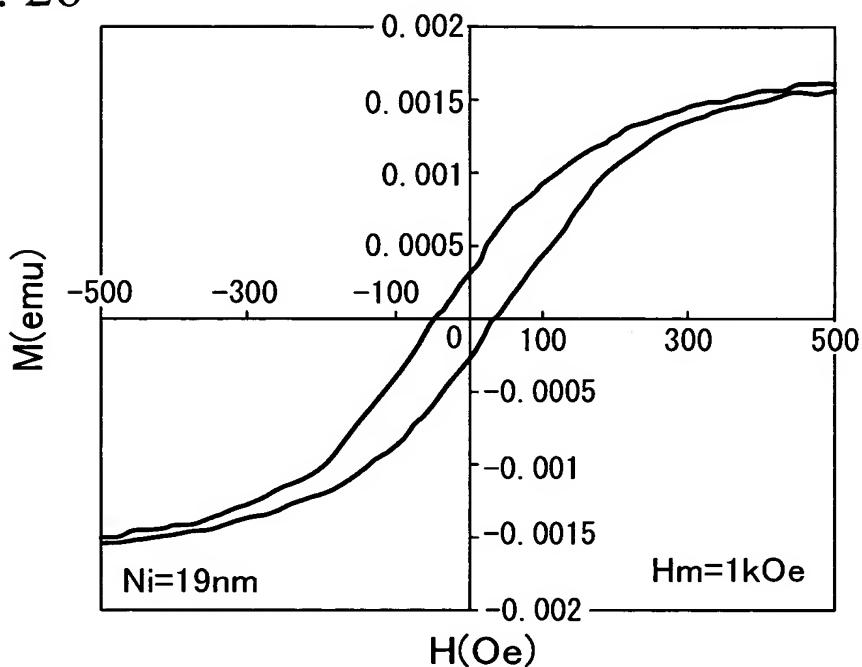


FIG. 27

